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**SHERIFF'S OFFICE OF COOK COUNTY, ILLINOIS**

**RICHARD J. DALEY CENTER**

**50 W. WASHINGTON - ROOM 704**

**CHICAGO, IL 60602**

**THOMAS J. DART**

**SHERIFF**

**THE COOK COUNTY SHERIFF'S OFFICE COVER LETTER**

800 MHz Chairman

Dear Chairman Guse:

The Cook County Sheriff's Office hereby submits its proposal for modified use of the 800 MHz spectrum to deploy an upgraded trunked system that will provide greater interoperability, while concurrently remedying the issue of operation under temporary authorization. The proposal reflects our participation in the Cook County Sheriff's Office/City of Chicago 5-Year Plan for cooperative use of both the 700 and 800 MHz band. A 700 MHz band proposal has been filed with the RPC's 700 MHz committee concurrently with the instant proposal.

The proposal further represents, in part, the workings of the Urban Area Working Group that has been diligently seeking the means of greater interoperability in the Chicago/Cook County region in cooperation with the Department of Homeland Security. The investments in this effort are identified herein as they apply to the existing Cook County Sheriff's Office voice communications system and the proposed improvement of that network by pooling channels with the City of Chicago.

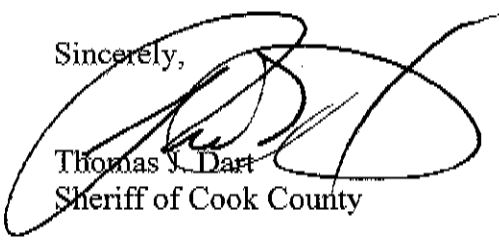
The existing system serves over 10,000 end users and it is the backbone of public safety voice communications throughout Cook County, used to protect over 5 million residents. The vital nature of the existing system cannot be overstated, nor can the necessity to upgrade that same system by deployment of a more spectrally efficient, technologically superior network.

The Cook County Sheriff's Office is pleased to present to the RPC the opportunity to remedy FCC licensing issues, while concurrently bringing to the Northern Illinois public enhanced public safety communications and the attendant improvement in protection of lives and property. The Cook County Sheriff's Office is also proud of its participation with over 70 local agencies in an effort to greatly increase interoperability in the region via technological solutions and greater administrative cooperation.



The Cook County Sheriff's Office hereby respectfully requests grant of the attached proposal as a demonstration of the RPC's commitment to shared efforts to improve public safety communications throughout Region 54.

Sincerely,



Thomas J. Dart  
Sheriff of Cook County



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**THOMAS J. DART**

SHERIFF

### THE COOK COUNTY SHERIFF'S OFFICE COVER LETTER

700 MHz Chairman

Dear Chairman Carter:

The Cook County Sheriff's Office hereby submits its proposal for use of the 700 MHz spectrum to deploy a high speed data system employing OFDM technology that utilizes narrowband data transmission that will provide high reliability wide area coverage characteristics via the current mobile data technology. The proposal reflects our participation in the Cook County Sheriff's Office/City of Chicago 5-Year Plan for cooperative use of both the 700 and 800 MHz band. An 800 MHz band proposal has been filed with the RPC's 800 MHz committee concurrently with the instant proposal.

The proposal further represents, in part, the workings of the Urban Area Working Group that has been diligently seeking the means of greater interoperability in the Chicago/Cook County region in cooperation with the Department of Homeland Security. The investments in that effort are identified herein as they apply to the proposed Cook County Sheriff's Office mobile data communications system and the deployment of that mobile data system through cooperation with the City of Chicago.

Grant of the instant proposal will clear the way for deployment of a high speed mobile data system that will provide myriad applications to first responders, including automatic vehicle location services, access to vital data platforms, and the ability to better coordinate among cooperative jurisdictions within and adjacent to Cook County.

The Cook County Sheriff's Office is pleased to present to the RPC the opportunity to place Region 54 at the forefront of mobile data technology by the exciting use of the 700 MHz band. The use of the proposed network for Computer Aided Dispatch, Automatic Vehicle Location, records look ups mark only the beginnings of the applications that the proposed system can deliver to enhance the public safety efforts of first responders and their administrative partners throughout Cook County and the region.



Accordingly, The Cook County Sheriff's Office hereby respectfully requests grant of the attached proposal as a demonstration of the RPC's commitment to shared efforts to improve public safety communications throughout Region 54.

Sincerely,



Thomas J. Dart  
Sheriff of Cook County